

Titles of Most Frequently Occurring Classifications of Patents Returned  
From A Search of 09708083 on March 11, 2003

- 27 707/3 (8 OR, 19 XR)  
Class 707 : DATA PROCESSING: DATABASE AND FILE  
MANAGEMENT OR DATA STRUCTURES  
707/1 DATABASE OR FILE ACCESSING  
707/3 .Query processing (i.e., searching)
- 21 707/104.1 (6 OR, 15 XR)  
Class 707 : DATA PROCESSING: DATABASE AND FILE  
MANAGEMENT OR DATA STRUCTURES  
707/100 DATABASE SCHEMA OR DATA STRUCTURE  
707/104.1 .Application of database or data structure  
(e.g., distributed, multimedia, image)
- 17 707/4 (6 OR, 11 XR)  
Class 707 : DATA PROCESSING: DATABASE AND FILE  
MANAGEMENT OR DATA STRUCTURES  
707/1 DATABASE OR FILE ACCESSING  
707/3 .Query processing (i.e., searching)  
707/4 ..Query formulation, input preparation, or  
translation
- 16 707/6 (4 OR, 12 XR)  
Class 707 : DATA PROCESSING: DATABASE AND FILE  
MANAGEMENT OR DATA STRUCTURES  
707/1 DATABASE OR FILE ACCESSING  
707/3 .Query processing (i.e., searching)  
707/6 ..Pattern matching access
- 15 382/305 (4 OR, 11 XR)  
Class 382 : IMAGE ANALYSIS  
382/276 IMAGE TRANSFORMATION OR PREPROCESSING  
382/305 .Image storage or retrieval
- 13 707/1 (4 OR, 9 XR)  
Class 707 : DATA PROCESSING: DATABASE AND FILE  
MANAGEMENT OR DATA STRUCTURES  
707/1 DATABASE OR FILE ACCESSING
- 12 707/5 (6 OR, 6 XR)  
Class 707 : DATA PROCESSING: DATABASE AND FILE  
MANAGEMENT OR DATA STRUCTURES

- 707/1            DATABASE OR FILE ACCESSING
- 707/3            .Query processing (i.e., searching)
- 707/5            ..Query augmenting and refining (e.g., inexact  
                 access)
  
- 9 707/102      (4 OR, 5 XR)
- Class 707 : DATA PROCESSING: DATABASE AND FILE  
                 MANAGEMENT OR DATA STRUCTURES
- 707/100        DATABASE SCHEMA OR DATA STRUCTURE
- 707/102        .Generating database or data structure (e.g.,  
                 via user interface)
  
- 9 707/2        (6 OR, 3 XR)
- Class 707 : DATA PROCESSING: DATABASE AND FILE  
                 MANAGEMENT OR DATA STRUCTURES
- 707/1            DATABASE OR FILE ACCESSING
- 707/2            .Access augmentation or optimizing
  
- 7 345/968      (0 OR, 7 XR)
- Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR  
                 INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY  
                 SYSTEMS
- 345/961        OPERATOR INTERFACE WITH VISUAL STRUCTURE OR  
                 FUNCTION DICTATED BY INTENDED USE
- 345/965        .For process control and configuration
- 345/966        ..Computer process (e.g., operation of  
                 computer)
- 345/968        ...Interface for database querying and  
                 retrieval
  
- 7 382/190      (2 OR, 5 XR)
- Class 382 : IMAGE ANALYSIS
- 382/181        PATTERN RECOGNITION
- 382/190        .Feature extraction
  
- 6 707/200      (1 OR, 5 XR)
- Class 707 : DATA PROCESSING: DATABASE AND FILE  
                 MANAGEMENT OR DATA STRUCTURES
- 707/200        FILE OR DATABASE MAINTENANCE
  
- 5 345/835      (2 OR, 3 XR)
- Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR  
                 INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY  
                 SYSTEMS
- 345/700        OPERATOR INTERFACE (E.G., GRAPHICAL USER

- INTERFACE)
  - 345/764 .On-screen workspace or object
  - 345/810 ..Menu or selectable iconic array (e.g., palette)
  - 345/835 ...Selectable iconic array
- 5 358/403 (1 OR, 4 XR)
  - Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
    - 358/400 FACSIMILE
    - 358/403 .Document filing and retrieval system
- 5 707/10 (1 OR, 4 XR)
  - Class 707 : DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES
    - 707/1 DATABASE OR FILE ACCESSING
    - 707/10 .Distributed or remote access
- 5 707/100 (3 OR, 2 XR)
  - Class 707 : DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES
    - 707/100 DATABASE SCHEMA OR DATA STRUCTURE
- 4 382/306 (1 OR, 3 XR)
  - Class 382 : IMAGE ANALYSIS
    - 382/276 IMAGE TRANSFORMATION OR PREPROCESSING
    - 382/305 .Image storage or retrieval
    - 382/306 ..Using identification indicia on document
- 4 704/9 (2 OR, 2 XR)
  - Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
    - 704/1 LINGUISTICS
    - 704/9 .Natural language
- 4 707/7 (0 OR, 4 XR)
  - Class 707 : DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES
    - 707/1 DATABASE OR FILE ACCESSING
    - 707/7 .Sorting
- 3 345/440 (2 OR, 1 XR)
  - Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY

## SYSTEMS

- 345/418 COMPUTER GRAPHICS PROCESSING
- 345/440 .Graph generating

### 3 345/838 (0 OR, 3 XR)

Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR  
INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY  
SYSTEMS

- 345/700 OPERATOR INTERFACE (E.G., GRAPHICAL USER  
INTERFACE)
- 345/764 .On-screen workspace or object
- 345/810 ..Menu or selectable iconic array (e.g.,  
palette)
- 345/835 ...Selectable iconic array
- 345/838 ....Thumbnail or scaled image

### 3 382/229 (0 OR, 3 XR)

Class 382 : IMAGE ANALYSIS

- 382/181 PATTERN RECOGNITION
- 382/229 .Context analysis or word recognition (e.g.,  
character string)

### 3 704/10 (0 OR, 3 XR)

Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO  
COMPRESSION/DECOMPRESSION

- 704/1 LINGUISTICS
- 704/10 .Dictionary building, modification, or  
prioritization

### 3 707/101 (1 OR, 2 XR)

Class 707 : DATA PROCESSING: DATABASE AND FILE  
MANAGEMENT OR DATA STRUCTURES

- 707/100 DATABASE SCHEMA OR DATA STRUCTURE
- 707/101 .Manipulating data structure (e.g.,  
compression, compaction, compilation)

### 3 707/103R (2 OR, 1 XR)

Class 707 : DATA PROCESSING: DATABASE AND FILE  
MANAGEMENT OR DATA STRUCTURES

- 707/100 DATABASE SCHEMA OR DATA STRUCTURE
- 707/103R .Object-oriented database structure

### 3 709/219 (0 OR, 3 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING

- SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING
- 709/200 MULTICOMPUTER DATA TRANSFERRING
  - 709/217 .Remote data accessing
  - 709/219 ..Accessing a remote server
- 3 715/500.1 (1 OR, 2 XR)
- Class 715 : DATA PROCESSING: PRESENTATION PROCESSING OF DOCUMENT
- 715/500.1 SYNCHRONIZATION OF DIVERSE MEDIA
- 3 715/526 (1 OR, 2 XR)
- Class 715 : DATA PROCESSING: PRESENTATION PROCESSING OF DOCUMENT
- 715/526 DISPLAY PROCESSING
- 2 345/723 (1 OR, 1 XR)
- Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY SYSTEMS
- 345/700 OPERATOR INTERFACE (E.G., GRAPHICAL USER INTERFACE)
  - 345/716 .On screen video or audio system interface
  - 345/723 ..For video segment editing or sequencing
- 2 345/775 (2 OR, 0 XR)
- Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY SYSTEMS
- 345/700 OPERATOR INTERFACE (E.G., GRAPHICAL USER INTERFACE)
  - 345/764 .On-screen workspace or object
  - 345/775 ..Office layout metaphor (e.g., filing cabinet, desk)
- 2 358/444 (1 OR, 1 XR)
- Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
- 358/400 FACSIMILE
  - 358/443 .Specific signal processing circuitry
  - 358/444 ..Memory interface
- 2 382/176 (1 OR, 1 XR)
- Class 382 : IMAGE ANALYSIS
- 382/173 IMAGE SEGMENTATION
  - 382/176 .Distinguishing text from other regions

2 382/177 (0 OR, 2 XR)

Class 382 : IMAGE ANALYSIS

382/173 IMAGE SEGMENTATION

382/177 .Segmenting individual characters or words

2 382/203 (0 OR, 2 XR)

Class 382 : IMAGE ANALYSIS

382/181 PATTERN RECOGNITION

382/190 .Feature extraction

382/195 ..Local or regional features

382/203 ...Shape and form analysis

2 382/209 (0 OR, 2 XR)

Class 382 : IMAGE ANALYSIS

382/181 PATTERN RECOGNITION

382/209 .Template matching (e.g., specific devices that  
determine the best match)

2 382/220 (0 OR, 2 XR)

Class 382 : IMAGE ANALYSIS

382/181 PATTERN RECOGNITION

382/209 .Template matching (e.g., specific devices that  
determine the best match)

382/217 ..Electronic template

382/218 ...Comparator

382/220 ....Calculating weighted similarity or  
difference (e.g., don't-care areas)

2 382/224 (0 OR, 2 XR)

Class 382 : IMAGE ANALYSIS

382/181 PATTERN RECOGNITION

382/224 .Classification

2 382/225 (2 OR, 0 XR)

Class 382 : IMAGE ANALYSIS

382/181 PATTERN RECOGNITION

382/224 .Classification

382/225 ..Cluster analysis

2 706/900 (0 OR, 2 XR)

Class 706 : DATA PROCESSING: ARTIFICIAL INTELLIGENCE

706/900 FUZZY LOGIC

2 706/934 (0 OR, 2 XR)

Class 706 : DATA PROCESSING: ARTIFICIAL INTELLIGENCE

- 706/902 APPLICATION USING AI WITH DETAIL OF THE AI  
SYSTEM
- 706/934 .Information retrieval or information  
management
- 2 709/218 (2 OR, 0 XR)  
Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING
- 709/200 MULTICOMPUTER DATA TRANSFERRING
- 709/217 .Remote data accessing
- 709/218 ..Using interconnected networks
- 2 715/501.1 (1 OR, 1 XR)  
Class 715 : DATA PROCESSING: PRESENTATION PROCESSING OF  
DOCUMENT
- 715/501.1 HYPERMEDIA
- 2 715/507 (1 OR, 1 XR)  
Class 715 : DATA PROCESSING: PRESENTATION PROCESSING OF  
DOCUMENT
- 715/505 FORM
- 715/507 .Form filling
- 2 715/512 (0 OR, 2 XR)  
Class 715 : DATA PROCESSING: PRESENTATION PROCESSING OF  
DOCUMENT
- 715/512 ANNOTATION CONTROL
- 2 715/515 (0 OR, 2 XR)  
Class 715 : DATA PROCESSING: PRESENTATION PROCESSING OF  
DOCUMENT
- 715/514 HIERARCHICAL CONTROL
- 715/515 .Compound document
- 2 715/522 (1 OR, 1 XR)  
Class 715 : DATA PROCESSING: PRESENTATION PROCESSING OF  
DOCUMENT
- 715/517 LAYOUT
- 715/522 .Format information in separate file
- 2 725/131 (0 OR, 2 XR)  
Class 725 : INTERACTIVE VIDEO DISTRIBUTION SYSTEMS
- 725/105 VIDEO DISTRIBUTION SYSTEM WITH UPSTREAM  
COMMUNICATION
- 725/131 .Receiver (e.g., set-top box)

2 725/87 (0 OR, 2 XR)

Class 725 : INTERACTIVE VIDEO DISTRIBUTION SYSTEMS

725/86 USER-REQUESTED VIDEO PROGRAM SYSTEM

725/87 .Video-on-demand